

16-5045-002
October 31, 2023

Frank Smeriglio
Director of Public Works
Town of Wilton
238 Danbury Road
Wilton, CT 06897

Re: **440 Cannon Road
Application to the WPCA**

Dear Mr. Smeriglio:

I am pleased to provide you with 3 copies of plans, profiles, and details for the design of the sanitary sewer main extension and lateral connection for 440 Cannon Road. The sanitary sewer main extension being proposed follows the same approach as the previously approved extension for the Cannondale Village project with only minor adjustments to the locations of manholes to provide better separation from existing utilities.

Based on a proposed use change for the 440 Cannon Road property from a daycare facility to residential apartments, the existing property requires an expansion to the existing septic system; however, based on Town requirements modifications to the existing septic system are not allowed and the property is required to connect to the sewer main in Danbury Road.

The last manhole for the extension in Cannon Road will provide a capped stub for future connectivity as well as the 6-inch gravity service lateral to the existing private residence. The existing home will maintain 3-bedrooms generating an estimated effluent load of 150 gallons per day (gpd) per bedroom, or 450 gpd total.

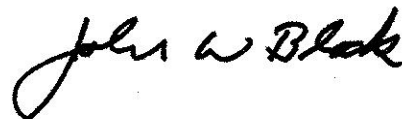
We look forward to a November approval from the WPCA. If you have any questions with the plans or calculations, please feel free to contact me at (860) 852-5219 at your convenience.

Very truly yours,

TIGHE & BOND, INC.



Erik W. Lindquist, PE, LEED AP
Senior Project Manager



John W. Block, P.E., L.S.
Senior Vice President

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